

STREAM ASSESSMENT FORM

SITE # _____

DATE: _____

TIME: _____

LOCATION OF TEST SITE: _____

INDIVIDUALS: _____

DID YOU TAKE 2 SAMPLES? _____

RIFFLE PRESENT?

☐ YES

☐ NO

DESCRIBE WATER CONDITIONS (COLOR, ODOR, BEDGROWTHS, SURFACE SCUM, ETC.)

HOW MUCH TIME DID SURVEY TAKE (INCLUDING HIKING TIME)? _____

COMMENTS:

_____ WIDTH OF RIFFLE (FEET)

_____ WATER DEPTH (INCHES)

_____ TEMPERATURE (°F)

_____ Ph

☐

SHADY

☐

SUNNY

FORM ADAPTED FROM:
OHIO DNR SCENIC RIVERS PROGRAM

STREAM QUALITY ASSESSMENT

MACROINVERTEBRATE
TALLY

ESTIMATED NUMBERS A= 1 TO 9
LETTER CODE B= 10 TO 99
C= 100 OR MORE

GROUP 1 TAXA	LETTER CODE	GROUP 2 TAXA	LETTER CODE	GROUP3 TAXA	LETTER CODE
WATER PENNY LARVAE		DAMSELFLY NYMPHS		BLACKFLY LARVAE	
MAYFLY NYMPHS		DRAGONFLY NYMPHS		AQUATIC WORMS	
STONEFLY NYMPHS		CRANEFLY LARVAE		MIDGE LARVAE	
DOBSONFLY LARVAE		BEETLE LARVAE		POUCH SNAILS	
CADDISFLY LARVAE		CRAYFISH		LEECHES	
GILLED SNAIL		SCUD		NON-BITING MIDGE	
HELLGRAMMITE AND FISHFLY		SOWBUGS		RAMSHORN SNAILS	
		CLAMS			
		NET-SPINNING CADDISFLY			
		ALDERFLY			
		RIFFLE BEETLE ADULT			
# OF LETTERS		# OF LETTERS		# OF LETTERS	
(TIMES) INDEX VALUE 3		(TIMES) INDEX VALUE 2		(TIMES) INDEX VALUE 1	

STREAM QUALITY ASSESSMENT

CUMULATIVE INDEX
VALUE

EXCELLENT (>22)

GOOD (17-22)

FAIR (11-16)

POOR (<11)

STREAM QUALITY ASSESSMENT EXAMPLE

MACROINVERTEBRATE
TALLY

ESTIMATED NUMBERS A= 1 TO 9
LETTER CODE B= 10 TO 99
 C= 100 OR MORE

GROUP 1 TAXA	LETTER CODE	GROUP 2 TAXA	LETTER CODE	GROUP3 TAXA	LETTER CODE
WATER PENNY LARVAE		DAMSELFLY NYMPHS		BLACKFLY LARVAE	B
MAYFLY NYMPHS	A	DRAGONFLY NYMPHS		AQUATIC WORMS	A
STONEFLY NYMPHS		CRANEFLY LARVAE	A	MIDGE LARVAE	
DOBSONFLY LARVAE		BEEBLE LARVAE		POUCH SNAILS	
CADDISFLY LARVAE	C	CRAYFISH		LEECHES	
GILLED SNAIL		SCUD	A	NON-BITING MIDGE	
HELLGRAMMITE AND FISHFLY		SOWBUGS		RAMSHORN SNAILS	
		CLAMS			
		NET-SPINNING CADDISFLY			
		ALDERFLY			
		RIFFLE BEETLE ADULT			
# OF LETTERS	2	# OF LETTERS	2	# OF LETTERS	2
(TIMES) INDEX VALUE 3	6	(TIMES) INDEX VALUE 2	4	(TIMES) INDEX VALUE 1	2

STREAM QUALITY ASSESSMENT

CUMULATIVE INDEX
VALUE

12

EXCELLENT (>22)

GOOD (17-22)

FAIR (11-16)



POOR (<11)